

PERFORMANCE BENCHMARKS

406.02B - Container Identification

Discipline: Hazmat – Operations Level

Effective: 3/5/2011

Revised:

Replaces:

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I. Objective

- A. Given scenarios involving hazardous materials/WMD incidents, the operations level responder shall survey the incident to identify the containers and materials involved, determine whether hazardous materials/WMD have been released, and evaluate the surrounding conditions.
- B. Given three examples each of liquid, gas, and solid hazardous material or WMD, including various hazard classes, operations level personnel shall identify the general shapes of containers in which the hazardous materials/WMD are typically found.
- C. Given examples of the following tank cars, the operations level responder shall identify each tank car by type, as follows:
 1. Cryogenic liquid tank cars
 2. Non-pressure tank cars (general service or low pressure cars)
 3. Pressure tank cars
- D. Given examples of the following intermodal tanks, the operations level responder shall identify each intermodal tank by type, as follows:
 1. Non-pressure intermodal tanks
 2. Pressure intermodal tanks
 3. Specialized intermodal tanks, including the following:
 - a. Cryogenic intermodal tanks
 - b. Tube modules
- E. Given examples of the following cargo tanks, the operations level responder shall identify each cargo tank by type, as follows:
 1. Compressed gas tube trailers
 2. Corrosive liquid tanks
 3. Cryogenic liquid tanks
 4. Dry bulk cargo tanks
 5. High pressure tanks
 6. Low pressure chemical tanks
 7. Non-pressure liquid tanks
- F. Given examples of the following storage tanks, the operations level responder shall identify each tank by type, as follows:
 1. Cryogenic liquid tank
 2. Non-pressure tank
 3. Pressure tank
- G. Given examples of the following non-bulk packaging, the operations level responder shall identify each package by type, as follows:
 1. Bags

2. Carboys
 3. Cylinders
 4. Drums
 5. Dewar flask (cryogenic liquids)
- H. Given examples of the following radioactive material packages, the operations level responder shall identify the characteristics of each container or package by type, as follows:
1. Excepted
 2. Industrial
 3. Type A
 4. Type B
 5. Type C

II. Instructions – Procedures for Achieving the Objective

You will be presented images or diagrams of various container types and given a worksheet to complete. While doing the images/diagrams complete the worksheet by providing the following information concerning the containers: identify the container by name, by container type, by possible product class, by physical state of the product and any special features/considerations. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

III. Examiner's Note

The responder will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

Several scenarios involving hazardous materials/WMD incidents and diagrams of the different types of containers of hazardous materials/WMD from the list below:

- A. Images, diagrams, or multimedia presentation illustrating different types of containers to include:
 1. Highway cargo tanks
 2. Railcar tanks
 3. Intermodal tanks
 4. Fixed facility storage tanks
 5. Non-bulk containers
 6. Radioactive material packages
- B. Container identification worksheet

V. Reference Sources

See Reference Sources in PB 406.02A.

406.02B - Container Identification

Discipline: Hazardous Materials-Operations Level

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

The Operations Level Responder shall: *(No partial points given)*

- A. Correctly identify railcar tank examples **P/F** _____
- B. Correctly identify highway cargo tank examples **P/F** _____
- C. Correctly identify intermodal tank examples **P/F** _____
- D. Correctly identify examples non-bulk container **P/F** _____
- E. Correctly identify radioactive material package examples **P/F** _____
- F. Correctly identify fixed facility storage tank examples **P/F** _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
P/F	P/F	First			
		Second			
		Third			